

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406

September 7, 1979
DAEC 79-205

Mr. James G. Keppler, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission - Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Subject: Licensee Event Report No. 78-016
(30 day)

UPDATE REPORT
PREVIOUS REPORT
DATED 040578

File: A-118a

Dear Mr. Keppler:

In accordance with Appendix A to Operating License DPR-49, Technical Specifications and Bases for Duane Arnold Energy Center and Regulatory Guide 10.1, please find attached a copy of the subject Licensee Event Report. (Total of 3 copies transmitted)

Very truly yours,

Ellery L. Hammond
Ellery L. Hammond
Chief Engineer
Duane Arnold Energy Center

Docket 50-331

attachment

ELH/JCZ/1h

cc: Director, Office of Inspection and Enforcement (30)
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Director, Management Information and Program Control (3)
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

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DATE 04-05-78

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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REPORT SOURCE

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60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

0 2 | During surveillance testing, LIS-4534 failed to trip at the required set
0 3 | point of minus 139.5 inches of water (Lo Lo Lo level). Provides initiati.
0 4 | on signal for ADS, core spray, LPCI and standby diesel generators. After
0 5 | cycling test pressure, switch began to function properly. Requirements
0 6 | in TS Table 3.2-B. redundant level switches operable. LIS is Yarway
0 7 | model 4418C. See also RO Report 78-19, Rev. 1.
0 8 |

09	SYSTEM CODE IB		11	CAUSE CODE X		12	CAUSE SUBCODE Z		13	COMPONENT CODE INSTRU				14	COMP. SUBCODE I		15	VALVE SUBCODE Z		16										
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26											
LER/RO REPORT NUMBER		EVENT YEAR 78		SEQUENTIAL REPORT NO. 016		OCCURRENCE CODE 03		REPORT TYPE X		REVISION NO. 1		ACTION TAKEN A		FUTURE ACTION Z		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0000		ATTACHMENT SUBMITTED N		NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER N		COMPONENT MANUFACTURER Y010		
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47

1	0	Switch placed in tripped condition after repeat problem one week later.
1	1	LIS disassembled during outage. Problem found to be caused by non-
1	2	linear indicating mechanism movement due to corrosion products introduce
1	3	d during instrument filling. Filling done from carbon steel water bottle
1	4	s. New stainless steel bottles now used. Other switches inspected.

FACILITY STATUS								% POWER								OTHER STATUS								METHOD OF DISCOVERY								DISCOVERY DESCRIPTION							
E (28)								094 (29)								NA (30)								B (31)								Surveillance Testing (32)							
ACTIVITY CONTENT RELEASED OF RELEASE								AMOUNT OF ACTIVITY																LOCATION OF RELEASE															
16 (33) Z (34)								NA (35)																NA (36)															
PERSONNEL EXPOSURES								NUMBER								TYPE								DESCRIPTION															
17 (37) 000 (38)																Z (39)								NA (40)															
PERSONNEL INJURIES								NUMBER								DESCRIPTION																							
13 (40) 000 (41)																								NA (42)															
LOSS OF OR DAMAGE TO FACILITY								TYPE								DESCRIPTION																							
19 (42) Z (43)																								NA (44)															
PUBLICITY ISSUED								DESCRIPTION																NRC USE ONLY															
20 (44) N (45)																NA (46)																							

NAME OF PREPARER J.C. Zimmerman

PHONE. 319-851-5611